

Amendments to the Drawings:

The attached sheets of drawings include 6 sheets of formal drawings for Figures 1-7. These formal drawings of Figures 1-7 replace the original drawings of Figures 1-7.

Attachment: 6 Replacement Sheets (Figures 1-7)

REMARKS

The application has been reviewed in light of the Office Action dated October 16, 2007. Claims 1 and 3-5 are pending in this application, with claim 1 being in independent form. By the present Amendment, claim 1 has been amended and claim 2 has been canceled. It is submitted that no new matter has been added and no new issues have been raised by the present Amendment.

The Office Action indicates there is only a "Key to Figures" presented which does not help to visually understand the description in the specification. In response, Applicants note that drawings were submitted along with a copy of the International Publication of the corresponding international application. In any event, a copy of formal drawings is submitted herewith to aid in an understanding of the original drawings. Withdrawal of the objection to the drawings is respectfully requested.

Claims 1-5 were rejected under 35 U.S.C. §103(a) as allegedly anticipated by U.S. Patent 7,050,977 to Bennett in view of U.S. Patent 7,120,582 to Young et al. Applicants have carefully considered the Examiner's comments and the cited art, and respectfully submit independent claim 1 is patentable over the cited art for at least the following reasons.

Independent claim 1 relates to a method for natural voice recognition based on a generative transformation/phrase structure grammar. The method comprises analyzing a spoken phrase for triphones contained therein, forming words, contained in the spoken phrase, from the recognized triphones with the aid of dictionaries and syntactically reconstructing the spoken phrase from the recognized words using a grammar. The method is characterized in that the syntactic reconstruction of the spoken phrase comprises allocating the recognized words to part-of-speech categories, including verbs, nouns, etc., allocating the part-of-speech categories to nominal

phrases and verbal phrases, combining the nominal phrases and verbal phrases according to syntactic rules into objects, providing various predetermined sentence models including part-of-speech categories, comparing the part-of-speech categories of the recognized word sequences with the sequence of the part-of-speech categories of the predetermined sentence models, and, in the case of an agreement, a sentence is considered as recognized and an action in a voice controlled application is triggered.

Bennett, as understood by Applicants, relates to a speech-enabled server for internet website and method. A two step algorithm is provided for processing of the speech input signal. The first step is a "high-speed first-cut pruning mechanism." The text string undergoes morphological linguistic processing, the string is tokenized, the tags are tagged and the tagged tokens are grouped. The noun phrases (NP) of the string are stored and copied and transferred for use by DB Engine 186 during a DB Process at step 1110. The string corresponding to the user's query which was sent to the DB Engine 186 is used together with the NP to construct an SQL Query which is executed to retrieve a record set of potential questions corresponding to the user's query. The second step then processes the record set of potential questions. Each sentence is processed to compute a noun phrase for each. A comparison is then made between each retrieved candidate question and the user's query based on the magnitude of the NP value. The stored question having the maximum NP relative to the user's query, is identified as the stored question which best matches the user's query (Col. 24, line 50 – Col. 25, line 53.)

In contrast, the present method compares the sequences of the part-of-speech categories to select a match. For example, the present method is characterized in that the syntactic reconstruction of the spoken phrase comprises allocating the recognized words to part-of-speech

categories, including verbs, nouns, etc., allocating the part-of-speech categories to nominal phrases and verbal phrases, combining the nominal phrases and verbal phrases according to syntactic rules into objects, providing various predetermined sentence models including part-of-speech categories, comparing the part-of-speech categories of the recognized word sequences with the sequence of the part-of-speech categories of the predetermined sentence models, and, in the case of an agreement, a sentence is considered as recognized and an action in a voice controlled application is triggered.

Accordingly, Applicant submits independent claim 1 is patentable over the cited art.

Young et al. was cited as disclosing triphones and their use in speech recognition. However, Young et al. provides none of the elements missing from Bennett that would have made the claims obvious to a person of ordinary skill in the art.

The Office is hereby authorized to charge any additional fees that may be required in connection with this amendment and to credit any overpayment to our Deposit Account No. 03-3125.

If a petition for an extension of time is required to make this response timely, this paper should be considered to be such a petition, and the Commissioner is authorized to charge the requisite fees to our Deposit Account No. 03-3125.

If a telephone interview could advance the prosecution of this application, the Examiner is respectfully requested to call the undersigned attorney.

Entry of this amendment and allowance of this application are respectfully requested.

Respectfully submitted,



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